Attorney Docket No. 15267US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED **CENTRAL FAX CENTER** In the Application of: Confirmation No.: 7173 JUN 1 2 2006 Jacob Racl et al. Customer No.: 23446 Serial No .: 09/692,661 Certificate of Facsimile Transmission Filed: October 18, 2000 I hereby certify that this correspondence is being sent via facsimile transmission to For: ADAPTIVE RADIO TRANSCEIVER Examiner Marceau Milord at the United WITH A WIDE TUNING RANGE States Patent and Trademark Office at (571) VCO 273-8300 on June 12. 2006. Examiner: Marceau Milord Group Art Unit: 2618 Reg. No. 44,636

INFORMATION DISCLOSURE STATEMENT ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION (RCE)

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This information disclosure statement is being filed with a request for continued examination (RCE) and lists documents that were cited in the parent application to the above-identified application.

Applicants respectfully enclose a one-page PTO Form SB 08A listing thirteen (13) United States Patent Documents, one (1) Foreign Patent Document and one (1) Non-Patent Literature Document that were cited during the prosecution of the parent application to the present application.

The parent application to the present application is United States Patent Application Ser. No. 09/634,552, filed on August 8, 2000.

The present application (i.e., United States Patent Application Serial No. 09/692,661,

Appln. No. 09/692,661 Appln. filed Oct. 18, 2000

Info. Discl. Stmt. dated Jun. 12, 2006

filed October 18, 2000) is a CONTINUATION of said United States Patent Application Ser. No. 09/634,552.

No information disclosure statement fee is believed to be due since the information disclosure statement is being filed with the RCE

The filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

It is respectfully requested that this paper and enclosure be considered by the Examiner. Furthermore, the Examiner is respectfully requested to initial a copy of the enclosed PTO Form SB 08A and to return it to Applicants to indicate consideration of the listed documents.

The Commissioner is hereby authorized to charge additional fees or credit overpayments to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

Date: June 12, 2006

Respectfully submitted,

Michael T. Crus Reg. No. 44,636

McAndrews, Held & Malloy, Ltd. 500 West Madison Street, 34th Floor Chicago, Illinois 60661

Telephone: (312) 775-8084 Facsimile: (312) 775-8100

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U.S. Patent and Tradernark Office: U.S. DEPARTMENT OF COMMERCE
Under the Papenwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number INFORMATION DISCLOSURE 09/692,661 Filing Date STATEMENT BY APPLICANTS October 18, 2000 First Named Inventor Jacob Raei Group Art Unit 2618 (use as many sheets as necessary) Examiner Name Marceau Milord Sheet of Attorney Docket Number 1 15267US01

Examiner Cite		U.S. PATENT DO	OCUMENTS	
Initial* No.1	Number-Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	4.893,316 5.537,459 5.593,640 5.872,810 5,909,463 5,940,456 6.072,994 6,134,453 6,185,418 6,343,207 6,377,608 6,526,034 1,6,738,601	01.1990 07.1996 09.1999 02.1999 06.1999 06.2000 10.2000 02.2001 01.2002 04.2002 04.2002 05.2004	Janc et al. Price et al. Meador et al. Philips et al. Johnson et al. Chen et al. Phillips et al. Sainton et al. MacLellan et al. Hessel et al. Zyren Gorsuch Rofougaran et al.	Figures Appear

Examiner	FOREIGN PATENT DOCUMENTS						
Initials*	No. 1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if krigwn)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76	
 		EP 0 803 997 A2	10.1997	Kuiri, Tapio	or Relevant Figures Appear		
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	Examiner Initials*	OTHER ART — NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Ahmadreza ROFOUGARAN, "A Single-Chip Spread-Spectrum Wireless Transceiver in CMOS," Final Report, Integrated Circuits & Systems Laboratory Electrical Engineering Department, University of California, Los Angeles, California, 339 pages (1999).	
L		 535 pages (1999).	4

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible.

Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as increased on the document under wire attained to a paper symbols as increased on the document under wire attained to a paper symbols as increased on the document under wire attained to a paper symbol and information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a be selfit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the suggestions for neducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. P.O. Box 1350 Alexandria, VA 22313-1450.

The complete discovery of the patent of the appropriate symbols as increased on the document under wire attained to the public which is to file (and by the USPTO to process) completed application form to the 18FTO. Time will vary depending upon the individual case.

Any comments on the amount of time you require to complete this form and/or FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2

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Substitute for form 1449A/PTO	Complete if I	Contains a valid OMB control number
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS (use as many sneets as necessary)	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name	09/692,661 October 18, 2000 Jacob Rael 2618 Marceau Milord
Sheet 1 of 1	Attorney Docket Number	15267US01

			U.S. PATENT DO	OCUMENTS	
Examine Initial*	er Cite	Document Number Number-Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		4.893,316 5.537,459 5.593,640 5.872,810 5.909,463 5.940,456 6,072,994 6,134,453 6,185,418 6,343,207 6,377,608	01.1990 07.1996 09.1999 02.1999 06.1999 08.1999 06.2000 10.2000 02.2001 01.2002 04.2002	Janc et al. Price et al. Meador et al. Phillips et al. Johnson et al. Chen et al Phillips et al. Sainton et al. MacLellan et al. Hessel et al.	Figures Appear
		6,526,034 6,738,601	02.2003 05.2004	Zyren Gorsuch Rofougaran et al.	

		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials*	Cite No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	70
		EP 0 803 997 A2	10.1997	Kuiri, Tapio	or Relevant Figures Appear	

<u> </u>	,	OTHER ART - NON PATENT LITERATURE DOCUMENTS
Examiner	Cite	Include name of the author (in CAPITAL LETTERS) title of the article to the author (in CAPITAL LETTERS)
Initials*	No.1	I date none/a) well-re-
		
1	1	Ahmadreza ROFOUGARAN, "A Single-Chip Spread-Spectrum Wireless Transceiver in
	ı	(TWEEL THIS NEPULL INCOMED WICHIES & SVEIGHOUT SKAPSTAN, Classical Particles of the Contract
		Department, University of California, Los Angeles, California, 339 pages (1999).

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspta gov or Imperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document, the indication of the year of the reign of the 'Applicant is to place a check mark here if English language Translation is analytication of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 heurs to complete, including sathering, preparing, and submitting the suggestions for retaining this burden, should be sent to the Chief Information Officer, U.S.P. Patent and Trademark Office. P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND (P.V.). One of the patent and Trademark Office. P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND (P.V.). One of the patent of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patent of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). Description of the patents of patents. VA 22313-1450. DO NOT SEND (P.V.). De

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